

VASILEV V.

Mechanization in forest shelter belts. p.7.

(MASHINIZIRANO ZEMEDELIE, Vol. 8, no. 6 June 1957, Sofia, Bulgaria.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, December 1957 Uncl.

VASILEV, V.; KEREMIDCHIEV, M.; TSANKOV, G.

Device for using the S-611 motor pollinator to fight injurious insects with Aerosol.

p. 164 (Gorsko Stopanstvo) Vol. 13, No. 4, April 1957. Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) IC, Vol. 7, No. 1, Jan. 1958

BULGARIA/Soil Science - Cultivation, Improvement, Erosion.

J

Abs Jour : Ref Zhur Biol., No 22, 1958, 100125

Author : Vasilev, V.

Inst : ~~INSTITUTE OF SOIL SCIENCE~~

Title : Soil-Erosion Control on Gentle Declivities

Orig Pub : Kooperat. zemledeliye, 1958, No 1, 12-14

Abstract : No abstract.

#1607

END

Card 1/1

- 84 -

LANGUAGE : Bulgarian  
CATEGORIES : Cultivated Plants. Fruits. Dairies. Misc. Etc.  
ABSTRACT : Pomology, No. 1, 1968, No. 173.  
AUTHOR : Vasilov, V.; Vidanov, P.; Pulev, V.  
TITLE : Status and Possibilities for the Development of Fruit  
Growing in the Krasovski area (in Bulgaria).  
CITE, PUB. : Osvobodnitsa i Modernizatsia, 1968, No. 2,  
11-13  
ABSTRACT : No abstract.

CATED: 1/1

VASILEV, Vasil, inzh.; KOLEV, Georgi, inzh.

Results from the use of new types of irrigation equipment. Khidrotekh  
i melio 7 no.10:314-315 '62.

VASILEV, Vasil, inzh.; GROZEV, Dimitur, inzh.

Possibilities of using the land flooded by reservoirs. Khidro-  
tekh i melior 8 no.3:85-85 '63.

STAKHANOVA, M.S.; VASILEV, V.A.

Study of the additivity of heat capacities in mixtures of potassium and sodium chloride solutions. Part 1. Izv. vys. ucheb. zav; khim. i khim. tekhn. 3 no. 5:829-833 '60.  
(MIRA 13:12)

1. Moskovskiy khimiko-tekhnologicheskoy institut imeni D.I. Mendeleev. Kafedra obshchey i neorganicheskoy khimii.  
(Potassium chloride) (Sodium chloride)  
(Heat capacity)

STAKHANOVA, M.S.; VASILEV, V.A.

Activity of water in salt solutions and its deviation from  
additivity. Zhur.neorg.khim. 6 no.5:1240-1242 My '61.  
(MIRA 14:4)

1. Moskovskiy khimiko-tekhnologicheskoy institut imeni D.I.  
Mendeleyeva, kafedra obshchey i neorganicheskoy khimii.

(Activity coefficients) (Salts) (Water)



STAKHANOVA, M.S.; VASILEV, V.A.

Activity of water in three-component solutions of alkali metal chlorides. Zhur.fiz.khim. 35 no.8:1839-1845 Ag '61.

(MIRA 14:8)

1. Moskovskiy khimiko-tehnologicheskij institut imeni D.I. Mendeleyeva.

(Alkali metal chlorides)

(Water)

(Activity coefficients)

STAKHANOVA, M.S.; VASILEV, V.A.; YEPIKHIN, Yu.A.

Activity coefficients of alkali metal chlorides in mixed  
aqueous solutions. Zhur.fiz.khim. 37 no.2:354-360 F '63.  
(MIR<sup>A</sup> 16:5)

1. Khimiko-tehnologicheskii institut imeni D.I.Mendeleeva.  
(Alkali metal chlorides) (Electrolyte solutions)  
(Activity coefficients)

L 17714-63

EPR/EPF(c)/EWP(q)/EWT(m)/BDS AFFTC/ASD Ps-4/Pi-4/Pi-4

RM/WW/JD/JW

ACCESSION NR: AP3004066

S/0076/63/037/007/1568/1574

AUTHORS: Stakhanova, M. S.; Vasilev, V. A. (Moscow)

TITLE: Volume and heat capacity changes in aqueous salt solutions. 1. The systems CsCl-LiCl-H sub 2 O and CsCl-NaCl-H sub 2 O

SOURCE: Zhurnal fizicheskoy khimii, v. 37, no. 7, 1963, 1568-1574

TOPIC TAGS: aqueous salt solution, CsCl, LiCl, NaCl, H sub 2 O, water

ABSTRACT: Authors studied the heat capacity and volumetric characteristics of the systems CsCl-LiCl-H<sub>2</sub>O and CsCl-NaCl-H<sub>2</sub>O. Authors wanted to clear up the interrelationship between these properties and to determine whether the law of additivity applies to a composite solution. Authors were also interested in verifying, on the basis of new experimental material, if certain classical relationships known for binary solutions could be applied to ternary mixtures. Pycnometric method was used to determine the density. Adiabatic calorimetry was used for determination of specific heat capacity. Methodology were described by authors in an earlier paper (Izv. AN, SSSR. Otd. Khim. nauk, no. 12, 1960, 2082). Concentration range was 0.5 to 5 moles. Heat capacities were determined with an accuracy of + or - 0.05%. Accuracy of pycnometric density measurement was + or - 0.001%. Authors also present data on the heat capacities of solutions of lithium, Card 1/2

L 17714-63

ACCESSION NR: AP3004066

sodium, and cesium chlorides alone. Deviations of both properties from the additivity have been observed for all systems. Correlations which were found were treated in terms of ion effect on solvent structure. Approximately linear equations have been found to correlate heat capacity with volume. These equations permit the calculation of the difficult-to-measure heat capacity ( $C_p^*$ ) from a known volume ( $v_m^*$ ) with an accuracy of 0.1-0.2%. "We wish to express our thanks to Professor M. Kh. Karapetyants for his attention to this work." Orig. art. has: 5 figures, 3 tables, and 7 formulas. 2

ASSOCIATION: Moskovskiy khimiko-tehnologicheskij institut im. D. I. Mendeleeva (Moscow chemical engineering institute).

SUBMITTED: 18Oct62

DATE ACQ: 15Aug63

ENCL: 00

SUB CODE: PH, OH

NO REF SOV: 003

OTHER: 012

Card 2/2

IRATSKOV, B. TS.; VASELIN, V.A.

Some new data on the role of the thymus in immunogenesis.  
Sovr. med. 16 no. 6:360-369 '65.

BULGARIAN

VASILOV, V.A., Department of Human Anatomy (Katedrata po anatomiya na ~~chovet~~ Higher Medical Institute (VMI=Visschiya Meditsinski Institut), Sofia (KADANOV, Prof G., Departmental Chairman, Rukovoditel na Katedra).

"The Blood Supply of the Cervical Region of the Spine in Man."

Sofia, Eksperimentalna Meditsina i Morfologiya, Vol 2, No 3, April-May-June 1963, pp 7-13.

Abstract: [Author's English summary modified] To establish the sources of blood supply to the cervical region of the spine and the means of arterial branching toward the vertebrae, the author investigated 140 macerated cervical vertebrae and 30 preparations from the cervical region of the spine from corpses in which the arteries had been filled with a solution of minium, turpentine, and liquid paraffin, with roentgenographs in various projections. Blood proved to be supplied by four arteries, two frontal and two dorsal, which form a longitudinal external plexus. C<sub>1</sub> and C<sub>2</sub> are supplied from the arterial arch formed by branches of the vertebral arteries situated on the dorsolateral surface at the end of C<sub>2</sub>. The significance of the anastomoses between the muscles rich in blood vessels and the intraosseal arteries is stressed. Four photographs, 10 references (one Soviet prewar, two Bulgarian, seven Western of mainly earlier date).

1/1

VASILEV, Vl.

Ambulant therapy of patients with joint tuberculosis (1951-1960). Khirurgia 15 no.2/3:297-299 '62.

1. Iz Okruzhn protivotuberkulozen dispanser - Varna.  
(TUBERCULOSIS OSTEOARTICULAR ther)  
(HOSPITAL OUTPATIENT SERVICE)

VASILEV, Vl.

A possibility of complex antibacterial therapy of tuberculous osteitis in children. Khirurgia 15 no.2/3:302-306 '62.

1. Iz Okruzhen protivotuberkulozen dispanser - Varna.  
(TUBERCULOSIS OSTEOARTICULAR ther)  
(ANTITUBERCULAR AGENTS ther)



VASILEV, V.B.

Photoelectric chemosedograph (electrochemosedograph). Suvr.  
med. (Sofia) 16 no.9:543-552 '65.

1. Okryzhna sanepidstantsiia, Vidin (gl. lekar B. Simov).

L 29781-66

ACC NR: AP6020858

SOURCE CODE: BU/0016/65/000/009/0543/0552  
15  
B

AUTHOR: Vasilev, V. B.

ORG: District Public Health Office /Medical director B. Simov / Vidin (Olguzhna  
sanepidstantsiya)

TITLE: Photoelectric device for automatic recording of erythrocyte <sup>22</sup>sedimentation rate

SOURCE: Suvremenna meditsina, no. 9, 1965, 543-552

TOPIC TAGS: blood, medical equipment

ABSTRACT: Description of developmental and technical aspects of an automatic ESR recorder, developed in 1958 by the author. Study with 165 specimens was satisfactorily correlated with 56 recorded visually-manually. Photograph and schematic diagram of device. Orig. art. has: 8 figures and 2 tables. [Based on author's Eng. abst.]  
[JPRS]

SUB CODE: 06 / SUBM DATE: 00Jan65 / ORIG REF: 012 / OTH REF: 004  
SOV REF: 011

Card 1/1

VASILEV, V. N.

~~Development of resistance of Mycobacterium tuberculosis to isonicotinic acid hydrazide during the treatment of pulmonary tuberculosis. Suvrem.med., Sofia 5 no.12:67-73 1954.~~

1. Iz Nauchno-izsledovatel'skii institut po tuberkuloza - Sofia  
(direktor: dots. St. Todorov)

(NICTOINIC ACID ISOMERS, therapeutic use,  
isoniazid in pulm. tuberc., resist.)

(TUBERCULOSIS, PULMONARY, therapy,  
isoniazid, resist.)

VASILEV, V. st. asistent

Sulfonamide therapy of trachoma. Khirurgia 7 no.2:119-123 1954.

1. Meditsinska akademija I.P.Pavlov, Plovdiv. Klinika po očni bolesti. Vr. direktor: dots. M. Botusharov.

(SULFONAMIDES, therapeutic use,

\*trachoma)

(TRACHOMA, therapy,

\*sulfonamides)

VASILEV, V.N.

Comparative investigations on the development of *Mycobacterium tuberculosis* in certain culture media. *Suvrem.med.*, Sofia 6 no.8: 103-110 1955.

1. Iz Nauchnoizsledovatel'skiiia institut po tuberkuloza - Sofia.  
Direktor: dots. St.Todorov.

(CULTURE MEDIUMS,

for *M. tuberc.*, comparison)

(*MYCOBACTERIUM TUBERCULOSIS*, culture,  
media, comparison)

VASILEV, V.

Acute trachoma. Khirurgia, Sofia 8 no.1:65-66 1955.

1. Visshe meditsinski institut "I. P. Pavlov" - Plovdiv, Klinika  
po ochni bolesti Vr. direktor: M. Botusharov.  
(TRACHOMA, acute)

KADANOV, D.; MOROV, S., VASILEV, V.

Separation of the ramus descendens of the hypoglossal nerve from the vagus nerve and its connection with the descending cervical nerve. Khirurgia, Sofia 8 no.8:727-733 1955.

1. Vissh meditsinski institut V.Chervenkov - Sofia katedra po anatomia. Zavezhdashch katedrata: prof. D.Kadanov.

(NERVES, HYPOGLOSSAL, surgery,

separation of descending branch from vagus nerve & connection with descending cervical nerve)

(NERVES, VAGUS, surgery,

separation of descending branch of hypoglossal nerve from vagus & connection with descending cervical nerve)

(NERVES, CERVICAL PLEXUS, surgery,

separation of descending branch of hypoglossal nerve from vagus nerve & connection with descending cervical nerve)

VASILEV, V.

Case of follicle of the limbus and so-called ocellus  
limbiquez. Khirurgia, Sofia 9 no.3:271-272 1956.

(CORNEA, diseases,  
follicle of limbus (Bul))



VASILEV, V.; GRUNCHAROV, S.

Photoretinitis observed during eclipse of the sun. Khirurgia,  
Sofia 9 no.5:422-427 1956.

1. Vissh med. inst. I.P. Pavlov--plovdiv ochna klinika  
Vr. direktor: prof. Tr. Zaprianov, Voenna Bolnitsa--plovdiv  
ochno otdelenie.

(RETINITIS, etiology and pathogenesis,  
photoretinitis caused by observation of eclipse of  
sun (Bul))

(SUNLIGHT, injurious effects,  
same)

BULGARIA/Microbiology - Microbes Pathogenic for Man and Animals. F  
Bacteria. Mycobacteria.

Abs Jour : Ref Zhur Biol., No 22, 1958, 99485

Author : Vasilev, V.N.

Inst : Section of Biology and Medical Sciences of the Bulgarian  
Academy of Sciences.

Title : Investigation of Manifestations of Resistance in  
Patients with Pulmonary Tuberculosis Treated with the  
Preparations #17 (Isonicotinoylhydrazone paraacetamino-  
benzaldehyde) and SAKh (isonicotinoylhydrazone salicy-  
laldehyde). I.

Orig Pub : Izv. Otd. biol. i med. n. D"16. AN Ser. eksperim. biol.  
i med., 1957, No 3, 139-148

Abstract : No abstract.

Card 1/1

- 98 -

BULGARIA/General Problems of Pathology. - Tumors. Experimental      U  
Therapy.

Abs Jour : Ref Zhur Biol., No 5, 1959, 22781

Author : Aleksandrov, Krum; Vasilev, Vasil

Inst : -

Title : Contemporary Chemotherapeutic Anticarcinomatose Agents.

Orig Pub : Priroda (Bolg.), 1957, 6, No 6, 43-47

Abstract : No abstract.

Card 1/1

- 18 -

KHALACHEV, V. D-r.; VASILEV, V. D-r.; MATEV, S. D-r.; KOEN, E. D-r.

Trachoma in the Plovdiv region according to data from ophthalmological clinics observed from 1949-1952. Izv. Mikrob. inst., Sofia no.8:569-586 1957.

1. Ochna klinika (vr. zav.: prof. T. Zaprianov) pri visshia meditsinski institut I. P. Pavlov v Plovdiv.  
(TRACHOMA, epidemiol.  
in Bulgaria (Bul))

VASILEV, V.

Case of cellulitis orbitalis in pneumonia. Khirurgiia, Sofia 10  
no.5:454-455 1957.

1. (Iz Katedrata po ochin bolesti pri visshia institut I. P. Pavlov-  
Plovdiv).

(PNEUMONIA, compl.

orbital cellulitis (Bul))

(CELLULITIS, compl.

pneumonia in orbital cellulitis (Bul))

(ORBIT. DISEASES

cellulitis in pneumonia (Bul))

VASILEV, V.; DIMITROV, P.

Case of fascicular keratitis. Khirurgia, Sofia 10 no.11:1039-1049 1957.

1. Iz Klinikata po ochni bolesti pri Visshia meditsinski institut I. P. Pavlov - Plovdiv.

(KERATITIS, case reports,  
fascicular (Bul))

VASILEV, V.

Etiology and Parinaud's syndrome; case of boutonneuse fever inoculated through the eye. Suvrem. med., Sofia 9 no.1:101-104 1958.

1. Iz katedrata po ochni bolesti pri VMI I. P. Pavlov - Plovdiv (Vr. zav. katedrata: prof. T. Zaprianov).

(ROCKY MOUNTAIN SPOTTED FEVER, case reports  
conjunctivitis as cause of Parinaud's synd. (Bul))

(CONJUNCTIVITIS, case reports,  
Parinaud's synd. caused by conjunctival infect. with Rocky  
Mountain spotted fever (Bul))

MITOV, A.; VASILEV, V.; TEODOSIEV, L.

Features of the clinical course of a case of leptospirosis bataviae.  
Suvrem. med., Sofia 9 no.2:111-113 Feb 58.

1. Iz Katedrata po propedevtika na vutreshnite bolesti pri VMI I. P.  
Pavlov; Plovdiv (Zav. katedrata: Dots. An. Mitov).  
(LEPTOSPIROSIS, case rep.  
bataviae (Bul))



TASHEV, T.; VASILEV, V.

Optico-diencephalic Laurence-Moon-Bardot-Biedl syndrome with report of five cases. Suvrem. med., Sofia 9 no.5:94-102 1958.

1. Iz Katedrata po psikhiaatria pri VMI - Plovdiv (Zav katedrata: prof. K. Gholakov) i Katedrata po ochni bolesti pri VMI - Plovdiv (Vr. zav. katedrata: prof. T. Zaprjanov).

(LAURENCE-MOON-BIEDL SYNDROME, case reports,  
(Bul))

VASILEV, V.

Experiences with dacryocystorhinostomy. Khirurgiia, Sofia 11 no.3:  
253-258 Mar 58.

1. Vissh meditsinski institut I. P. Pavlov--Plovdiv Klinika po ochni  
bolesti Vr. direktor: prof. T. Zaprianov.

(DACRYOCYSTORHINOSTOMY

dacryocystorhinostomy (Bul))

(NOSH, surg.

same)

KADANOV, D., prof. dr. (Sofia); VASILEV, V. (Sofia); MANOLOV, St. (Sofia)

Experimental morphologic investigation of the nerve fibers and  
endings in cross-stripped muscles. Izv. Inst. morf. BAN 3:107-120 '59.  
(HEAI 9:5)

1. Chl-kor., zavezhdasht, Katedra po anatomia na choveka pri Visshia  
meditsinski institut, Sofia (for Kadanov).  
(NERVES) (MUSCLE)

VASILEV, V.

Simplified cylindroskiascopy. Khirurgia, Sofia 12 no.2:156-163 1959.

(REFRACTIVE ERRORS,

Lindner's cylindroskiascopy (Bul))

VASILEV, V.

Masked intra-ocular tumors. *Khirurgiya, Sofia* 12 no.7:573-578 '59.

1. Visssh meditsinski institut "I.P..Pavlov" - Plovdiv. Katedra  
po ochni bolesti. Vr.zav.katedrata: prof. T.Zaprianov.  
(MYB neopl.)

VASILEV, V.

Projection of the principal arterial and nerve trunks in the upper extremity. Khirurgia, Sofia 12 no.7:610-619 '59.

1. Vissih meditsinski institut - Sofia. Katedra po anatomia na choveka. Zav.katedrata: prof. D. Kadanov.

(ARM blood supply)

(ARM innervation)

VASILEV, V.; FILIPOV, L.

On orbital inflammation of sinusial origin. Khirurgia, Sofia 12  
no.11:1002-1008 '59.

1. Visssh meditsinski institut "I.P. Pavlov" - Plovdiv. Katedra  
no ochni bolesi. Vr.zav.katedrata: prof. Tr. Zaprianov.  
Katedra po ushni, nosni i gurleni bolesi. Zav. katedrata: dots.  
M. Botusharov.

(SINUSITIS compl)  
(ORBIT dis)

VASILEV, V.

Projection of the main arterial and nerve trunks of the lower extremity.  
Khirurgia, Sofia 13 no.7/8:680-686 '60.

1. Vissh meditsinski institut, Sofia. Katedra po anatomia na  
choveka. Zav. katedrata: chl. kor. na BAN prof. D.Kadanov.  
(LEG anat. & histol.)



VASILEV, V.

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1. "Need for Medical Education Along with Distribution of Drugs" N. YOROV; pp 3-5.
2. "Comparative Pharmacologic Study of Some Phenothiazines" L. DZHA (Department of Pharmacology, Medical Faculty in Sofia / Director: Prof. P. KIROV //; pp 7-15.
3. "Antitubercular Effect of the Isonicotinoyl Hydrazide Hydrates. Part 4. 5-nitro-2-furfurylhydrazide isonicotinoyl hydrazide (Muzon); A. KOTRIVKA and V. KOTRIVKA (Pharmacy Research Institute, Sofia / Director L. KOTRIVKA //; pp 17-23.
4. "Synthesis of Some Simple Structural Analogs of Papaverine" N. K. KOTRIVKA (Affiliation as -3); pp 25-29.
5. "Researching the Synthesis of Piperazines" At. GECAROV (Affiliation as -3); pp 31-36.
6. "A Method for Obtaining Actin from Sophora Japonica" St. KOTRIVKA (Affiliation as -3); pp 37-46.
7. "Researching the Action of Every Grain, Every Penny, Every Inch and Every Minute in Pharmaceutical Economics" St. KOTRIVKA; pp 47-51.
8. "Prescription of Paracetamol" V. VASILEV and D. KOTRIVKA; pp 44-46.

2 Katedra po farmakologiya pri VMI.  
3 Nauchno-Isledovatel'skiy Institut po farmakologiya.

VASILEV, V.

On anatomical relations in old congenital hip dislocations. Khirurgia,  
Sofia 14 no.8:719-730 '61.

1. Visssh meditsinski institut, Sofia. Katedra po anatomia na choveka.  
Zav. katedrata: prof. D. Kadanov, chlen korespondent na BAN.

(HIP fract & disloc)

VASILEV, V.

A case of crossed renal dystopy in multiple diverticula of the bladder.  
Khirurgia (Sofia) 15 no.1:99-105 '62.

1. Iz katedrata po anatomia na choveka pri Vissh meditsinski institut,  
Sofia.

(KIDNEY abnorm) (BLADDER dis)

BULGARIA / Cultivated Plants. Fruit Trees. Small M-7  
Fruit Trees.

Abs Jour: Ref Zhur-Biol., 1958, No 15, 73135.

Author : Vasilev, V. N.

Inst : Not given.

Title : On the Parthenocarpy of the Vil'yams Pear Tree.

Orig Pub: ovosheharstvo i gradinarstvo, 1956, No 5, 26-27.

Abstract: A case is described of parthenocarpy formation of fruits of the Vil'yams pear tree variety observed in 1955 in the orchard of the Bulgarian Scientific-Research Institute of Fruit Growing in Plovdiv. Flowering buds of all pear tree varieties were nipped by March temperature drops down to  $-17.4^{\circ}$ . Following the single blossoming in the young growths of the Vil'yams variety, a secondary blossoming began. In the absence of another blossoming variety

Card 1/2

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VASILEV, V.N.

BULGARIA/Cultivated Plants - Fruits and Berries.

M-5

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10962

Author : Vasilev, V.N.

Inst : -

Title : The Time for Winter Pruning (of Fruit Trees) and Its  
Technique.

Orig Pub : Ovoshcharstvo i gradinarstvo, 1957, No 2, 9-12

Abstract : No abstract.

Card 1/1

VULCHANOV, V.Kh.; VASILEV, V.N.

On the possibility of appearance of auto-antigenicity in infection. I. Demonstration of complement-fixing leuko-antibodies in tuberculous patients with chronic empyema. Izv. microbiol. inst. 15:115-127 '63



FAT APP. AND REVIEW										IMP AND CTR OFFICE									
FORWARDED FOR PROGRESSIVE INDEX																			
<p>B 2</p> <p style="text-align: right;">B 3 1</p> <p>DDT for the control of codling moth. V. P. Vasilev and S. G. Strikhanova (Sad i Osvetl., 1948, No. 7, 36-38; <i>Hort. Abs.</i>, 1949, 18, 374).—In areas (Ukraine) in which two generations of codling moth appeared annually and S As sprays were customary, DDT emulsions dusts (5%) did not give satisfactory results; DDT emulsions (0.08—0.3%) gave better control with fewer applications than did Ca arsenate.</p> <p style="text-align: right;">A. G. POLLARD.</p>																			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION																			
FROM STIVIRYH										FROM BOWING									
LACROS SA										STALSTONE									



VASIL'YEV, V.P., akademik; TELENGA, N.A., doktor biolog.nauk, prof.

What the scientists of the Uzbek Institute of Plant Protection are working on. Zashch.rast.ot vred.i bol. 5 no.2:33-34 F '60.  
(MIRA 15:12)

1. Ukrainakaya akademiya sel'skokhozyaystvennykh nauk, direktor  
Ukrainskogo nauchno-issledovatel'skogo instituta zashchity rasteniy  
(for Vasil'yev).  
(Uzbekistan--Plants, Protection of--Research)

VASIL'YEV, Vadim Petrovich [Vasyl'iev, V.P.], akademik; KHMARA, V.F.,  
red.

[New measures for controlling agricultural pests] Novi zakhody  
po borot'bi z shkidnykamy sil's'kohospodars'kyykh kul'tur.  
Kyiv, 1960. 37 p. (Tovarystvo dlia poshyrennia politychnykh  
i naukovykh znan' Ukrain's'koi RSR. Ser.6, no.18).

(MIRA 13:12)

1. Ukrain's'kaya Akademiya sel's'kokhozyaystvennykh nauk (for  
Vasil'yev).

(Agricultural pests)

(Insecticides)

VASIL'YEV, V.P., doktor biologicheskikh nauk, redaktor; SAVCHENKO, Ye.M.  
redaktor; KOVAL'S'KIY, V.F., tekhnicheskiiy redaktor

[Diseases and pests of agricultural plants] Shkidnyky i khvoroby  
sil's'kohospodars'kykh roslyn. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi  
lit-ry URSR, 1956. 491 p. (MLRA 10:5)  
(Plant diseases) (Agricultural pests)

VASIL'YEV, V.

USSR / General and Specialized Zoology - Insects

0-7

Abs Jour : Ref Zhur - Biol., No 6, March 1957, No 232<sup>14</sup>

Author : Vasil'yev, V.

Inst : Not Given

Title : Chemical Means of Controlling the Beet Weevil.

Orig Pub : Zashchita rasteniy ot vreditel'ey i bolezney, 1956, No 1,  
40-43

Abstract : The leading measures for chemical control of beet weevils are the treatment of seeds, spraying of beets, and introduction of insecticides into the soil. The toxicity of BHC to seed sprouts depends on the amount of BHC in the pericarp. ~ 0.05% of BHC (by weight of seeds) is dissolved in an aqueous extract of beet seeds. The cotyledons are toxic 6-8 days, while the plant utilizes the tuber nutrient substances. With the beginning of plant nutrition by soil solutions through the root system, the toxicity disappears. It is possible to increase the toxic substance quantity in the plant by using BHC enriched by

Card : 1/2

USSR / General and Specialized Zoology - Insects

0-7

Abs Jour : Ref Zhur - B iol., No 6, March 1957, No 23244

γ- isomer (2-3% of seed weight of γ- isomer). DDT suspensions are just as effective as DDT oil emulsions, but do not produce sprout burns. A suspension of an 85% DDT casein paste is 10-12% more effective than a DDT oil emulsion and does not produce sprout burns. Most effective against gray weevil of the new chlororganic insecticides is chlorindan: a double-triple spraying of beets is necessary, expending 1-2 kg/hectare of technical chlorindan. The introduction into rows at seeding time of 6-8 kg/hectare of a 25% dusting by BHC lowers injurious effect of weevils the following year and increases its destruction by muscardin.

Card : 2/2

USSR / General and Special Zoology. Insects.

F .

Abs Jour: Ref Zhur-Biol., No 4, 1958, 16476

Abstract: against the weevil: 1) the use of 70-80% of Y-Hexachlorane dust as most effective in the treatment of seeds prior to planting; the treatment of the seeds with a solution of HCCH by the aerosol method; 2) spraying of the crops three times with emulsions of DDT, chlorothane, chlorophene, chlorindane and aldrine, and also spraying by aroplane when 2-3 leaves appear with a 10% DDT solution in diesel fuel (15 lit/hectare); concentrated suspensions of DDT are also very effective. HCCH emulsions were lower in effectiveness than the forementioned preparations; DDT emulsion (4.5%) or chlorothane and chlorophene (1.2%) in 135 lit/hectare is to be used in an above ground spraying with economical nozzles; 3) the use of HCCH dust in a mixture with mineral fertilizers in the planting beds at the time of sowing to lessen

Card 2/3

. . -USSR / General and Special Zoology. Insects.

F

Abs Jour: Ref Zhur-Biol., No 4, 1958, 16476

Abstract: the root damage caused by larvae and to decrease  
the number of hibernating beetles. The above  
measures are to be used when there is a system of  
receiving ditches.

Card 3/3

40

VASIL'YEV, Vadim Petrovich

[New methods of controlling the sugar beet weevil] Novi sposoby  
borothy z buriakovym dovgonosikom. Kyiv, 1957. 47 p.

(MLRA 10:5)

(Sugar beets--Diseases and pests)



VH 51274...  
RUDNEV, Dmitriy Fedorovich; VASIL'YEV, V. P., doktor biologicheskikh nauk,  
otvetstvennyy redaktor; NERUSH, A.I., redaktor izdatel'stva;  
KOLOMIYCHUK, V.A., tekhnicheskiy redaktor.

[The great oak borer of the forests of the Soviet Union] Bol'shoi  
dubovyi usach v lesakh Sovetskogo Soyuza. Kiev, Izd-vo Akad.nauk  
USSR, 1957. 211 p. (MIRA 10:11)  
(Oak--Diseases and pests) (Borers (Insects))

VASIL'YEV, V. P.

USSR / General and Specialized Zoology: Insects.  
Insect and Mite Pests.

P

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 44849

Authors : Vasil'yev, V. P.; Petrukha, O. O.

Inst : Not given

Title : Measures for the Control of Beet Weevils

Orig Pub : Zashchita rast. ot vredit. i bolezney, 1957,  
No 2, 38-41

Abstract : The basic control of beet weevils may be found in a system of border and directional canals and drains, made with high efficiency machines, where the weevils are trapped. Two or 3 treatments of the soil's surface with organic chlorine preparations guaranteed the destruction of 70-80% of the beetles. Suitable measures were needed in fields planted with beets two years previously,

Card 1/2

USSR / General and Specialized Zoology: Insects.  
Insect and Mite Pests.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858810004-6

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 44849

as the diapause of some beetles lasted 2 and even 3 years. The use of DDT, clorthane and polychlorpinene in the beet plantings almost caused the total destruction of the beetles, decreasing at the same time the number of sprayings two-3 times and reducing the cost of the treatment by 150-200% as compared with stomach poisons. The use of concentrated DDT, chlorthane and polychlorpinene emulsions and DDT suspensions - at the rate of 135 litres/ha of the liquid - reduced the expenditure of water 3-4 times and increased the efficiency of ground sprayers by 35-90%. Treatment of beet seeds with HCCH, especially by the aerosol method, is a distinct possibility. The application of HCCH to the soil by various methods greatly diminishes the numbers of the new weevil generation. The employment of agrobiological principles is of great interest. -- A.P. Adrianov.

Card 2/2

VASIL'YEV, Vadim Petrovich; LIVSHITS, Issakhar Zel'manovich

[Fruit pests] Vrediteli plodovykh kul'tur. Moskva, Gos.izd-vo  
sel'khoz.lit-ry, 1958. 391 p. (MIRA 12:3)  
(Fruit--Diseases and pests)

VASIL'YEV, V.P.

Control of codling moths. Zashch.rast.ot vred. i bol. 3 no.6:17-18  
N-D ' 58. (MIRA 11:12)

(Fruit--Diseases and pests) (Moths)

VASIL'YEV, V.P.

Entomological and acarological problems at the Fourth International  
Congress on Plant Protection. Zool. zhur. 37 no.9:1426-1430 S '58.  
(MIRA 11:10)

(Hamburg--Insects, Injurious and beneficial--Congresses)

VASIL'YEV, V. P., akademik

System of measures for controlling the sugar beet weevil in  
the Ukraine. Zashch. rast. ot vred. i bol. 5 no.11:27-30  
N '60. (MIRA 16:1)

1. Ukrainskaya akademiya sel'skokhozyaystvennykh nauk.

(Ukraine—Sugar beets—Diseases and pests)  
(Ukraine—Weevils—Extermination)

VASIL'YEV, Vadim Petrovich [Vasyl'iev, V.P.], akademik; SHISHKOVA, M.I.,  
[Shyshkova, M.I.], kand. sel'khoz. nauk; GURENKO, V.A. [Hurenko, V.A.],  
red.; MATVIICHUK, O.A., tekhn. red.

[Pests and diseases of fruit and measures for their control] Shkid-  
nyky ta khvoroby plodovykh kul'tur ta zakhody borot'by z nymy.  
Kyiv, 1961. 47 p. (Tovarystvo dlia poshyreniia politychnykh i na-  
ukovykh znan' Ukrain's'koi RSR. Ser.5, no.19) (MIRA 15:1)

1. Ukrainskaya akademiya sel'skokhozyaystvennykh nauk (for Vasil'yev).  
(Fruit culture--Diseases and pests)

VASIL'YEV, V.P., akademik

Importance and possibilities of chemical control. Zashch. rast.  
ot vred. i bol. 6 no.7:27-29 J1 '61. (MIRA 16:5)

1. Ukrainskaya akademiya sel'skokhozyaystvennykh nauk.  
(Ukraine—Plants, Protection of)



VASIL'YEV, V.P., doktor biolog. nauk

Toward new technological achievements. MTO 5 no.3:2-4  
Mr '63. (MIRA 16:4)

1. Zamestitel' predsedatelya Ukrainskogo respublikanskogo soveta  
nauchno-tekhnicheskikh obshchestv.  
(Ukraine--Technological innovations)

VASIL'YEV, V.P., doktor biolog.nauk, prof.

In the Ukrainian Institute of Plant Protection. Zashch. rast. ot  
vred. i bol. 8 no.12:8-11 D '63. (MIRA 17:3)

L 3603-66

ACCESSION NR: AP5021365

UR/0120/65/000/004/0206/0212  
621.382

30  
B

AUTHOR: Vasilev, V. S.; Golovin, B. M.; Osipenko, B. P.; Chervonko, A.

TITLE: The use of light probes for the study of the structure of semiconductor detectors

SOURCE: Priboiy i tekhnika eksperimenta, no. 4, 1965, 206-212

TOPIC TAGS: semiconductor device, semiconductor research, semiconductor band structure

ABSTRACT: Silicon n-i-p-structure detectors are used extensively for the registration and spectroscopy of nuclear particles with extended path length. It had been shown earlier that during the displacement of a light spot along a line cutting through the n-p germanium transition, the photo emf (or photo current) depend in a definite way on the position of the spot. This effect has been used to measure the lifetimes (diffusion lengths) of the non-equilibrated carriers within the p- and n-regions of germanium. The present paper develops a method for the study of the structure and the determination of the width of the sensitive region from the photocurrent variations as a function of the light spot position.

Card 1/2

L 3603-66

ACCESSION NR: AP5021365

The same approach is used for the study of aging and the response of the detector to nuclear radiations and to the action of other agents. The article describes the experimental device, the procedures, the influence of the experimental conditions on the determination of the width of the n-, i-, and p-region, the comparison of the results of thickness measurements by different methods, including galvanic, photochemical, electrophotochemical, condenser, and light probe methods, and gives a discussion of the effects due to the surface finishing. "The authors thank V. P. Dzhelepov for his interest in the study and help during its completion." Orig. art. has: 3 formulas, 7 figures, and 1 table.

ASSOCIATION: Ob'yedinennyy institut yadernykh issledovaniy, Dubna (Joint Institute of Nuclear Research)

SUBMITTED: 13 June 64

ENCL: 00

SUB CODE: NP, SS

NO REF SOV: 001

OTHER: 010

*mlr*  
Card 2/2

At 10:00 AM, the ship was sighted by the crew of the U.S.S. "Albatross" (AG-39) and was identified as a Japanese submarine. The ship was then tracked by the "Albatross" and the U.S.S. "Thetis" (AG-38) until it was lost to sight at 11:00 AM. The ship was then reported to the U.S. Navy and the U.S. Coast Guard.

As a result, the  $\beta$  value is not a good measure of the relative importance of the different components of the system.

TITUL: The effect of high-energy part of semiconductor detectors of nuclear radiation of different type of particle

SOURCE: Kosmicheskiye issledovaniya, v. 3, no. 3, 1965, 499-502

TOPIC TAGS: semiconductor detector, nuclear radiation, diffusion drift detector, silicon N I P detector, proton bombardment

**ABSTRACT:** Eighteen silicon N-I-P detectors with 0.3-mm sensitive films and four with 2-mm layers were subjected to proton bombardment of  $2 \times 10^9 - 8 \times 10^9$  proton/cm<sup>2</sup>-sec with a maximum dose of  $5 \times 10^{13}$  proton/cm<sup>2</sup>. With the 0.3-mm type,

L 63564-65

ACCESSION NR: AP5015681

the electrical structure were determined by measuring the detector photoresponse before and after bombardment. It was found that after a dose of  $8 \times 10^{16}$  protons/cm<sup>2</sup>

*[Faint handwritten notes at the bottom of the page]*

[illegible]

VASILEV, V. V.

Economic laboratories at the Regional Economic Councils of the  
U.S.S.R. Mashinostroene 12 no.4:11 Ap '63.

VASILEV, Yanaki Dimitrov, inzh. (Narodnaya Respublika Bolgariya)

Feeding lubricants under pressure to the deformation zone during  
drawing. Stal' 23 no.6:569 Je '63. (MIRA 16:10)



8/260/62/000/022/001/001

AUTHOR: Vasilev, Yordan L. and Ivanov, Dimitr M.

TITLE: Experience in manufacturing miniature heat-resistant resistors and thermistors

PERIODICAL: Referativnyy zhurnal, pribory tochnoy mekhaniki i ispytatel'nye ustanovki, (special) no. 21, 1962, 15, abstract 40.21.110. (Tr. N.-1 in-ta okhrany truda i prof. zabolevaniy, 8, 1961, 245-248)

TEXT: The technology of manufacture and the procedure for testing thermistors with a power of 0.5-5 mw. Thermistors are to be made from NiO, Mn<sub>2</sub>O<sub>3</sub>, PbO, and CuO in ratios of 40, 30, 20 and 10% which will ensure a sensitivity of about 4%/1° at 20° and high stability (permitting measurements of 0.0005°). [Abstracter's note: Complete translation.]

Card 1 of 1

VASILEV, Yu. M.

B-3

USSR/General Biology - General Histology.

Abs Jour : Ref Zhur - Biol., No 7, 1958, 28487

Author : Vasilev, Yu.M.

Inst :

Title :

Method of Detection and Character of Some Properties of  
Interstitial Substance of Connective Tissues in Mice and  
Rats.

Orig Pub : Dokl. AN SSSR, 1957, 114, No 2, 419-420

Abstract : A method of detection of interstitial substance in subcutaneous connective tissue is described. Unfixated pelli-  
cles, taken from mice and rats just killed by ether, are  
spread on microscope slides and are immersed for 15 minu-  
tes in a solution of fixating substance, then rinsed with  
water and dyed with 0.1% toluidine blue for 24 hours.  
Positive results were obtained when the fixating substan-  
ces used were 0.25% phosphotungstic acid, 0.25% phospho-  
molybdic acid and 0.25-1% tannic acid.

Card 1/2

4

IVANOV, Iv.; MIRKOV, K.; VASILEV, Z.; BOTEVA, L.

Treatment of bartholinitis with Albothyl concentrate. Akush.  
ginek. (Sofia) 3 no.6:84-86 '64.

ILIEV, G.; BELOPITOV, B.; KHUBENOV, A.; VASILEV, Z.

Delivery of large and giant fetuses. Akush. ginek. (Sofia)  
2 no. 5:25-35 '63.

\*

SHTURKALIEV, IL.; ANANIEV, T.; MIRKOV, K.; TOKIN, R.; VASILEV, Z.

14-years of the "sterility" department of the Higher Medical  
Institute Obstetric and Gynecological Clinic "Maichin Dom" in  
Sofia. Akush. ginek. (Sofia) 3 no.4:35-42 '64

IVANOV, Iv.; ANGELOV, At.; VASILOV, .; RAKILOVSKA, Iv.

Attempted control of blood loss and complications in legal abortion under total baytinal anesthesia using intravenous methylergometrine. Akush. ginek. (Sofia) 3 no.4:81-84 '64.

KIROV, K.; LAZAROV, P.; PETKOV, P.; ALEKSANDROVA, M.; TSVETKOVA, St.; VASILEVA, B.

Observations on serpasil therapy of psychoses. *Suvrem. med.*, Sofia 8  
no.10:39-47 1957.

1. Iz Psikho-nevrologichnata bolnitsa pri gara Karlukovo (Glaven Lekar:  
P. Lazarov).

(~~PSYCHOSIS~~, therapy,  
reserpine (Bul))

(~~RESERPINE~~, therapeutic use,  
psychoses (Bul))

KIROV, K.; DONCHEV, P.; VASILEVA, B.

Acute yellow atrophy in treatment with largactil. Suvrem. med., Sofia  
9 no.9:90-93 1958.

1. 's Psikho-nevrologichnata bolnitsa v Karlukovo (Gl. Lekar: P. Petkov)  
(CHLORPROMAZINE, inj. eff.  
acute yellow atrophy (Bul))  
(ACUTE YELLOW ATROPHY, etiol. & pathogen.  
chlorpromazine (Bul))



VA 11-VA, B.

RUSSIAN/Pharmacology and Toxicology. Tranquillisers

V-2

The Jour : Ref Zhur - Mol., No 15, 1958, No 71112

Author : Kirov K., Lazarov P., Pethov F., Aleksandrova M., Zvezdova  
St., Vasilova B.

Last

Title : On the Treatment of Psychoses with Serpasil

Orig Pub : S'vrem. med., 1957, 8, No 10, 39-47

Abstract : In connection with experience of the use of serpasil (S) in psychoses, a beneficial, although sometimes transient, effect of S upon synchrony of the emotional excitation in the manic state was noted. Favorable results were observed in the acute stage of paranoid and catatonic forms of schizophrenia, alongside with which there exists a distinct parallelism between the effect of S on the physical and psychic condition. In some cases of chronic schizophrenia, a temporary remission occurred. The previous treatment with S was improving and prolonging remissions following electroconvulsion therapy. Bibliography: 10 titles.

Card : 1/1

VASILEVA, B.; TSESLYAK, I.

Thin-layer chromatography of 6-aminopencillanic acid and  
pencillins on talc. Antibiotiki 10 no. 10:877-879 0 '65.  
(MIRA 18:12)

1. Institut antibiotikov, Varshava, Pol'sha. Submitted  
Febr. 9, 1965.

BULGARIA

TEMPKOV, Iv., DITSOVA, An., MEVORAKH, E., VASILEVA, B.

"Therapeutic Effect of the Neuroleptics Fluphenazin (Lyogen) and Butyrylperazin (Randolectil)"

Sofia, Suvremenna Meditsina, Vol 17, No 1, 1966, pp 39-44.

Abstract: Results of treatment of psychoses with the phenothiazine derivatives Lyogen and Randolectil are reported. It was found that Lyogen had a slightly euphorizing effect. Randolectil was well tolerated by a patient who was allergic to a great number of psychopharmacological agents. In the authors' experience, if an obvious therapeutic effect was not produced by a neuroleptic drug after treatment for 30 days, further treatment with this drug served no useful purpose. A selective, individual response of patients to treatment with psychotropic drugs was observed, which did not depend on the nature of the disease, but solely on the chemical constitution of the drug. Russian and English summaries. Manuscript received Sep 65.

1/1

- 43 -

VASILEVA, Bogdana G.

Cycloserine-induced psychoses. (Symptomatology). Nauch. tr.  
vissh. med. inst. Sofia 41 no.8:79-90 '62.

1. Predstavena ot akad. prof. G. Uzunov.  
(PSYCHOSES, TOXIC) (CYCLOSERINE)

SHEIKOVA, G.; GEORGIEVA, I.; VASILEVA, Bl.; KHLEBAROVA, E.

Effect of some vegetable extracts on the biosynthesis of vitamin  
B<sub>12</sub>. Khim i industriia 35 no.1:6-7 '63.

VASILEVA, BL.

1. "Dokl. Akad. Nauk SSSR", Vol. 11, No. 3, May-June 1961
  2. "Forty Years since the Initial Communist Congress of Bulgarian Radical and Sanitation Workers" V. CHIRKOV; pp 3-7.
  3. "Pharmaceutical Forms of Tetraacycline Hydrochloride" G. SHERKOV and B. VASILOVA; Pharmacy Research Institute /Director: L. ZHIVKOV/; pp 9-13 (English Summary)
  4. "Pharmacodynamics and Toxicology of Allium ursinum" A. ANGELOV; (Department of Pharmacology and Toxicology, Institute /Chairman Prof. V. PENEV/ and Laboratory of Pharmacology /Chairman: Senior Research Associate A. KALINOV/; pp 15-21.
  5. "Quantitative Determination of Rutin in Fagopyrum esculentum" T.P. LITVAYOVA and A.S. KUMAROVA; (Chair of Medicinal Form Technology and Galenics, Faculty of Pharmacy, Moscow Medical Institute); pp 21-23.
  6. "Antibacterial, Antiviral, Anticolic and Cytostatic Effects of Penicillin and Anomonic Acid" V. PENEV, V. SIVKOVA, TAV. QUMAYOVA, St. RALCHIKOVA and V. KOTKOVA; (Epidemiology and Microbiology Research Institute); pp 27-33 (English Summary)
  7. "Method for Quantitative Analysis of Presine Hydrochloride in Kowardin Ampuls" Khr. KUMAROVA (Research Institute for State Control of Pharmaceutical Preparations /Director Prof. SV. SUTKOV/); pp 33-39.
  8. "Use of Ion Exchange to Determine the Acidity of Gastric Fluid" L. KUMAROVA-SUTKOVA and T. KOTKOVA; pp 39-43 (English Summary).
  9. "The Hospital Pharmacy" IV. KUMAROV (Senior Pharmacist Pharmacy Inspection Office, Ministry of National Health and Sanitation Care); pp 44-48.
- \_\_\_\_\_
1. Information not identified.
2. Kumbho-Indroshchitya Institut po Farmatsiya.
3. Kumbho po Farmatsiya i Kumbho-shchitya.
4. Kumbho-shchitya Institut, Kumbho-shchitya Institut po Farmatsiya.
5. Kumbho-shchitya Institut po Farmatsiya i Kumbho-shchitya Institut.
6. Kumbho-shchitya Institut po Farmatsiya i Kumbho-shchitya Institut.
7. Kumbho-shchitya Institut po Farmatsiya i Kumbho-shchitya Institut.
8. Kumbho-shchitya Institut po Farmatsiya i Kumbho-shchitya Institut.
9. Kumbho-shchitya Institut po Farmatsiya i Kumbho-shchitya Institut.

**ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED**

1. *Levovittum* not identified.
1. *Bomocoma-leucodactylus* infant per *Peruvittum*.
1. *Levovittum* per *Peruvittum* 1 *Levovittum*.
3. *Peruvittum* *Levovittum* infant, *Levovittum* *Levovittum* form 1 *Levovittum*.
1. *Levovittum* *Levovittum* infant per *Levovittum* 1 *Levovittum*.
3. *Bomocoma-leucodactylus* infant as *Levovittum* *Levovittum* *Levovittum*.
1. *Levovittum* *Levovittum* 127.

GANEV, G.; KHADZHIEV, D.; KARAMALAKOV, L.; TSEKOVA, M.; SIRAKOV, A.;  
ATANASOV, K.; CHANKOV, I.; TSOLOV, N.; VASILEVA, I.

Treatment of parkinsonism with a new preparation INHA-17. Suvren  
med., Sofia no.4/5:35-44 '61.

1. Iz Nauchnoizsledovatel'skii institut po nevrologia i psikhiatriia.  
(Direktor G. Ganev).

(ISONIAZID rel cpd's) (PARALYSIS AGITANS ther)

GANEV, G.; KARAMALOV, L.; KHADZHIEV, D.; TSEKOVA, M.; SIRAKOV, A.;  
ATANASOV, K.; NANKOV, Iv.; TSOLOV, N.; VASILEVA, I.

Treatment of parkinsonism with a new combined preparation INHA-17  
with Bellapan (Bellazon). Suvrem med., Sofia no.4/5:45-53 '61.

1. Iz Nauchnoissledovatel'skiiia institut po nevrologia i psikhiaatria.  
(Direktor G. Ganev.)

(ISONIAZID rel epds)  
(PARALYSIS AGITANS ther)  
(BELLADONNA ther)



EXCERPTA MEDICA Sec 13 Vol 13/5 Dermatology May 59

1079. RAPIDITY OF DESQUAMATION OF THE HORNY LAYER OF AFFECTED AND APPARENTLY NORMAL SKIN IN SOME SKIN DISEASES (Russian text) - Vasil'eva L. I., Dept. of Skin and Ven. Dis., Postgrad. Inst., Leningrad - NAUCH. TRUDY LEN. INST. USOVERSH. VRACH. 1957, 11 (41-59)

By placing on the skin surface a drop of brilliant green stain and noting its rate of disappearance - the method suggested by Kozhevnikov - the rate of desquamation of the horny layer of the skin was studied. Parallel with observations on the rapidity of disappearance of stained scales in various inflammatory dermatoses, observations were also made on desquamation process of clinically normal skin. It was found that the rate of peeling of normal skin is subject to fluctuation dependent on a variety of conditions. The most rapid desquamation was seen on the skin of the face, chest and back, and the slowest on the feet. Separation of stained horny scales takes place with greatest rapidity in young persons. The clinically visible scaliness does not necessarily correspond to the speed of the desquamation. For instance, the rate of peeling in ichthyosis and keratoderma is only 1/5-1/10 that of normal skin. In the progressive stage of psoriasis and in acute eczema an increased rate of desquamation is noted also on the apparently healthy skin surfaces. The desquamative process is retarded on the affected side in unilateral lesions of the nervous system (hemiplegia). Dobrotvorskaya - Leningrad (S)

MATEVA, V.; VASILEVA, L.

Amylase activity of pancreatic ex'tracts from the healthy swine  
and the swine infected with the swine plague virus. Izv Vet  
inst virus 2:75-79 '63

SAEV, St.; DAVIDOV, S.; BOVIANSKI, A.; TENEV, K.; GIGOVA, R.; MARINOVA, M.;  
VASILEVA, L.; RUSEV, R.; IVANEI, V.

10 years of experience at the Institute of Post-Graduate  
Training of Physicians in anesthesia and reanimation in  
operative surgery in aging subjects. Khirurgia 17 no.2:  
185-187 '64.

1. Iz katerdrite po bolnichna khirurgiia, urologiia, ortopediia  
i travmatologiia, nevrokhirurgiia, akusherstvo i ginekologiia  
pri ISUL [Institut za spetsiializatsiia i usuvurshenstvuvane na  
lekarite].

VASILEVA, L.; GANCHEV, Sv.

A case of fetal enteritis and peritonitis in a newborn infant.  
Akush. ginek. (Sofia) 4 no.1272-74 '65.

1. Nauchno-izsledovateski institut po akusherstvo i ginekologija,  
Sofia (Direktor: prof. Dr. Papazov).

ENCHEV, I.; VASILEVA, L.

2 cases of thrombocytopenia in newborn infants. Akush. ginek.  
(Sofia) 4 no.3:244-248 '65.

1. Nauchno-izsledvatelski institut po akusherstvo i ginekologiya,  
Sofia (direktor: prof. Br. Papazov) i I rodilen dom "T. Kirkova",  
Sofia (gl. lekar: prof. Br. Papazov).

VASILEVA, I.

Bulgaria

Scientific Research Institute of Obstetrics and  
Gynecology (Nauchno-izsledovatel'ski i-t po akusherstvo  
i ginekologiya), Sofia; Director: Br. Papazov, Prof.

Sofia, Akusherstvo i Ginekologiya, No 5 & 6 , 1965,  
pp 490-491.

"Some Immunologic Peculiarities of the Newborn  
Infant."

Co-authors:

KATRANUSHKOVA, N.  
MATROVA, Ts.

VASILEVA, Lora

Methodic elaboration of the theme "Chemical Symbols." Biol i  
khim 4 no.6:35-41 '62.

1. Institut za usuvurshenstvuvane na uchitelite, Varna.

VASILEVA, Lora

Checking and rating the knowledge in chemistry. Biol i khim 7  
no.6:47-51 '64.

1. Institute for the Specialized Training of Teachers, Varna.



Immunology

BULGARIA

TSONEVA-MANEVA, M. T., VASILEVA, L. N.; Chair of General Biology (Head Docent M. T. Tsonova-Maneva), Higher Medical Institute, Varna

"Effect of Some Antibiotics on the Mitotic Activity and Karyotype of Human Leukocytes Cultivated in Vitro"

Sofia, Suvremenna Meditsina, Vol 17, No 12, 1966, pp 999-1010

Abstract: The effects of tetracycline and chlortetracycline on the mitotic activity and karyotype of leukocytes from human peripheral blood cultivated in vitro and blastic transformation of cultivated lymphocytes were studied. Division of the leukocytes was stimulated with phaseolosazin (a type P hemagglutinin from a Bulgarian variety of *Phaseolus vulgaris*). The antibiotics had an inhibiting effect on the mitotic activity of the leukocytes. Changes in the karyotype under the influence of the antibiotics occurred in 32-40% of the cultivated cells that were treated. The chromosomal aberrations produced were both of the numeral and structural type. The predominant structural changes were breakages of chromatids and the principal changes with respect to the number of chromosomes trisomics. The effect of antibiotics on the mitosis of lymphocytes is of importance from the standpoint of development of immunity. Figures, graph, table, 24 references (1 Bulgarian, 3 USSR, 20 Western). Russian and English summaries. Manuscript received Jul 66

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